

Academy Speaker Series

... shedding light on emerging water issues



Peter Thomas

"Endocrine System in Vertebrates"

Date: Wednesday, November 14, 2007

Time: 9:00 a.m. – 12:00 p.m.

Location: Sierra Hearing Room
Sacramento - CalEPA Building
1001 I Street

The Speaker Series is open to all Board staff, other Cal/EPA BDO staff and other interested parties. There is no cost for attendance.

Speaker Series Webcast Information

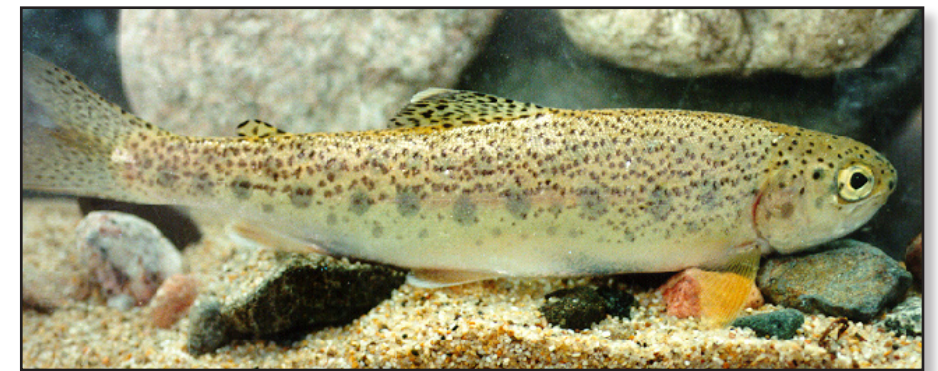
Intranet: go to <http://epanet.ca.gov/> and click on the Speaker Series webcast link.

Internet: go to <http://www.calepa.ca.gov/broadcast/> and click on the Speaker Series webcast link.

Send all questions and comments to sierrarm@calepa.ca.gov

Course Description: Focusing on fish as an example, this presentation will discuss the endocrine system controlling reproduction (hypothalamic-pituitary-gonadal axis) in detail as well as other endocrine systems, particularly the hypothalamic-pituitary-thyroid and-interrenal axes. Environmental chemicals and hypoxia can interfere with these endocrine systems by several mechanisms, resulting in a wide variety of reproductive disturbances. This presentation will focus on the sites and mechanisms of endocrine disruption and the types of chemicals that have these actions. Dr. Thomas will provide some examples from field and laboratory studies of how exposure to these chemicals can impact fish and wildlife. Some recent efforts to regulate the use and discharge of chemicals that interfere with endocrine systems are briefly discussed.

Speaker: Peter Thomas, University of Texas Marine Science Institute.



Registration Fees: Paid through the Water Board Training Academy

To Register: Waterboard staff register on-line at <http://waternet/training>. All other registrants go to: <http://www.waterboards.ca.gov/academy/> Questions concerning the speaker, topic and registration may be addressed to Barbara Andersen at bandersen@waterboards.ca.gov or (916) 341.5519.

If you have special accommodation or language needs, please contact OEA, (916) 341-5883 or email Karen White at kwhite@waterboards.ca.gov at least 5 working days prior to the class. TTY/DD/Speech to Speech users may dial 7-1-1 for the California Relay Service.

